

ABSTRACT OF THE DISCLOSURE

A logical partitioned computer system. A hypervisor includes a resource management table for managing resources assigned to the hypervisor and an assigning/collecting unit for assigning and collecting resources to logical partitions. Each logical partition has a guest resource monitoring unit for monitoring the amount of the resource being used out of the amount of the resource assigned to the logical partition and an adding/separating unit for requesting addition and separation of a resource to the assigning/collecting unit based on results of monitoring. In response to the request, assigning/collecting unit searches resource management table, assigns a resource to logical partition when a reserve resource exists in case of an assignment request, and collects a resource as a reserve resource in the resource management table in case of a collection request.